

Amendments to the Claims:

Please amend the claims as set forth below.

1. (Currently Amended) A molding, that includes polyurethane, comprising:
at least one polyurethane gel as a first material; and
at least one polyurethane foam as a second material wherein said at least one
polyurethane gel and said at least one polyurethane foam are joined by implicit adhesive
properties during production of said molding.
2. (Original) A molding according to claim 1, wherein said molding includes an outer
covering layer which is impermeable.
3. (Original) A molding according to claim 1, wherein said molding includes an outer
covering layer which is impermeable to said polyurethane gel.
4. (Original) A molding according to claim 3, wherein said polyurethane foam and said
polyurethane gel are arranged in at least two layers, one above another.
5. (Original) A molding according to claim 4, wherein said polyurethane gel layer is
partially surrounded by said polyurethane foam.
6. (Original) A molding according to claim 1, wherein a block of said polyurethane
foam is at least partially surrounded by said polyurethane gel.
7. (Original) A molding according to claim 2, wherein said covering layer includes a
film.
8. (Original) A molding according to claim 2, wherein said covering layer includes a
polyurethane film.

9. (Original) A molding according to claim 2, wherein said covering layer includes a polyvinyl chloride film.

10. (Original) A molding according to claim 2, wherein said covering layer includes a leather film.

11. (Original) A molding according to claim 2, wherein said covering layer includes a micro-fiber material film.

12. (Original) A molding according to claim 1, wherein said molding is a seat cushion.

13. (Original) A molding according to claim 12, wherein a textile cover layer is located adjacent to said seat cushion.

14. - 38. (Cancelled)

39. (Previously Presented) A molding according to claim 2, wherein the outer covering layer is pre-formed in a mold.

40. (Previously Presented) A molding according to claim 4, wherein the polyurethane foam layer is in direct contact with the outer covering layer.

41. (Previously Presented) A molding according to claim 4, wherein the polyurethane gel layer is in direct contact with the outer covering layer.

42. (Previously Presented) A molding according to claim 1, wherein the polyurethane gel is pre-formed.

43. (Previously Presented) A molding according to claim 4, wherein the polyurethane gel layer is pre-formed.

44. (Previously Presented) A molding according to claim 4, wherein the polyurethane gel layer is in pre-formed sections.

45. (Previously Presented) A molding according to claim 1, wherein the polyurethane gel is produced from raw materials having an isocyanate functionality and a polyol component having a functionality of at least 5.2.

46. (Previously Presented) A molding according to claim 1, wherein the polyurethane gel is produced from raw materials having an isocyanate functionality and a polyol component having a functionality of at least 6.5.

47. (Previously Presented) A molding according to claim 1, wherein the polyurethane gel is produced from raw materials having an isocyanate functionality and a polyol component having a functionality of at least 7.5.

48. (Previously Presented) A molding according to claim 1, wherein the polyurethane gel is produced by a reaction mixture of an isocyanate functionality and a polyol component having a mixture of:

one or more polyols having hydroxyl numbers below 112;

one or more polyols having hydroxyl numbers in a range 112 to 600, wherein a weight ratio of the one or more polyols having hydroxyl numbers below 112 to the one or more polyols having hydroxyl numbers in a range 112 to 600 lies between 90:10 and 10:90;

the isocyanate ~~characteristic~~ index of the reaction mixture lies in a range from 15 to 59.81; and

the product of isocyanate functionality and functionality of the polyol component is at least 6.15.

49. (Currently Amended) A molding according to claim 1, wherein the polyurethane gel includes a reaction mixture of:

one or more polyisocyanates;
a first polyol component including one or more polyols having hydroxyl numbers below 112; and
a second polyol component that includes one or more polyols having hydroxyl numbers in a range 112 to 600; wherein a weight ratio of said first polyol component to said second polyol component lies between 90:10 and 10:90, ~~an~~the isocyanate ~~characteristic~~ index of said reaction mixture lies in a range from 15 to 59.81, and a the product of isocyanate functionality of said first polyol component and said second polyol component is at least 6.15.

50. (Previously Presented) A molding according to claim 49, wherein the reaction mixture further includes a catalyst.

51. (Previously Presented) A molding according to claim 49, wherein the reaction mixture includes fillers.

52. (Previously Presented) A molding according to claim 49, wherein the second polyol component for producing the polyurethane gel includes one or more polyols having a molecular weight between 1000 and 12000 and an OH number between 20 and 112, wherein the product of the functionalities of the polyurethane-forming components is at least 5.2, and the isocyanate ~~characteristic~~ index lies between 15 and 60.

53. (Previously Presented) A molding according to claim 52, wherein the isocyanates for producing the polyurethane gel are of the formula



where n represents 2 to 4 and Q denotes an aliphatic hydrocarbon radical having 6 to 18 C atoms.

54. (Previously Presented) A molding according to claim 52, wherein the isocyanates for producing the polyurethane gel are of the formula



where n represents 2 to 4 and Q denotes an cycloaliphatic hydrocarbon radical having 4 to 15 C atoms.

55. (Previously Presented) A molding according to claim 52, wherein the isocyanates for producing the polyurethane gel are of the formula



where n represents 2 to 4 and Q denotes an aromatic hydrocarbon radical having 6 to 15 C atoms.

56. (Previously Presented) A molding according to claim 52, wherein the isocyanates for producing the polyurethane gel are of the formula



where n represents 2 to 4 and Q denotes an araliphatic hydrocarbon radical having 8 to 15 C atoms.

57. (Previously Presented) A molding according to claim 53, wherein the isocyanates for producing the polyurethane gel are in pure form.

58. (Previously Presented) A molding according to claim 53, wherein the isocyanates for producing the polyurethane gel have conventional isocyanate modifications.

59. (Previously Presented) A molding according to claim 58, wherein the conventional isocyanate modification includes urethanisation.

60. (Previously Presented) A molding according to claim 58, wherein the conventional isocyanate modification includes allophantisation.

61. (Previously Presented) A molding according to claim 58, wherein the conventional isocyanate modification includes biuretisation.